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CHEM-NUCLEAR SYSTEMS INC.

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March 5, 1980

Charles E. MacDonald, Chief  
Transportation Branch  
Division of Fuel Cycle and  
Material Safety  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555



Reference: Docket No. 71-6375

Dear Mr. MacDonald:

In response to your letter of January 8, 1980 we are submitting information relevant to the revisions to BMI Drawing No. 9123-6PB-0001, Rev. B. These revisions are noted on the enclosed BMI Drawing No. 9123-6PB-0001, Rev. C (CNSI DWG. No. 1-331-103).

On March 6, 1970, Philadelphia Electric Co. submitted an application to the Atomic Energy Commission for a license to use the referenced package. Several amendments to this original application followed.

During fabrication of this package two changes were made, neither of which was documented in an amendment application to the ASC. These changes were as follows:

1. Safety plugs in each trunnion as shown in Detail B of Dwg. No. 9123-6PB-0001, Rev. B were located in the package lids and bolt circle on the cask body as shown in Zones E-7 and E-8 of the enclosed Rev. C to Dwg. No. 9123-6PB-0001. We have been advised that this was done in order to provide easy access to the plugs should they require repair or maintenance.
2. Three additional safety plugs were added to the outer stainless steel shell as noted in Zones E-6, D-2 and D-6 of Rev. C to Dwg. 9123-6PB-0001. These plugs are standard 1/2" flush pipe plugs with 1/4" holes drilled through and filled with a low melting alloy (265° F) and tested at 20 psig outside-in. These plugs would serve to vent the annular space between the outer stainless steel shell and the inner carbon steel shell in the event of a heat generated pressure build-up.

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add link to 4313

Page two  
Docket No. 71-6375

As shown in Zone F-6, a side mounting pressure gauge replaced the original bottom mounted gauge. A  $\frac{1}{4}$ " N.P.T. street elbow was added so that the gauge can be read through the trunnion cover plate.

We feel that the above described as-built modifications do not affect the safety of the package and we request that you approve BMI Drawing No. 9123-6PB-0001, Rev. C and extend the C of C revision No. 7 to the normal five year period.

Since the name plates on these casks identify them as a Model PB-1, we request that you delete the Model No. CNS 4-45 designation and return to the original PB-1 model number.

Finally, we request that BMI Drawing No. 00-000-552, Rev. A, be deleted from the Certificate of Compliance. This drawing describes a fuel basket container assembly for use with Fermi fuel. There will be no requirement for the transport of Fermi fuel and this container is no longer required.

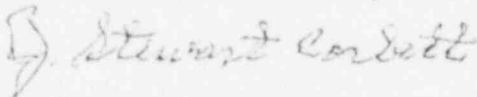
We trust that the foregoing information will clarify what had transpired prior to our purchase of one Model PB-1 Cask.

We regret the confusion that resulted and assure you that it was not our intention to obscure the facts.

Please contact this office if you have any questions.

Sincerely,

CHEM-NUCLEAR SYSTEMS, INC.



J. Stewart Corbett  
Manager, Licensing & Safety

JSC/cm

cc: Bill Mowrey - General Atomic

Enclosures (8) copies of Drawing BMI No. 9123-6PB-0001, Rev. C  
(CNSI DWG. No. 1-331-103)

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